



NOAA NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
UNITED STATES DEPARTMENT OF COMMERCE



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National Weather Service to Provide Updated River Forecast Services at Mansfield, Texas

The National Weather Service weather forecast office and the West Gulf River Forecast Center co-located in Fort Worth, Texas will be upgrading hydrologic services by lowering flood stage levels on Walnut Creek near Mansfield, Texas. The change will take effect on Wednesday, June 20, 2023. This location is a flood-only forecast point which means forecast and warnings are issued when the river level is expected to rise near or above flood stage. The upgraded hydrologic services were a direct result of field surveys showing the impacts of flooding along portions of the river, both upstream and downstream of the gage location in Mansfield.

The following critical threshold levels will be changed as follows:
Walnut Creek near Mansfield, Texas (MNFT2)

Bankfull/Action Stage	16 feet
Flood Stage/Minor Flood	19 feet
Moderate flood Stage	22 feet
Major Flood Stage	25 feet

“These criteria level adjustments more accurately reflect the societal impacts that occur along this section of Walnut Creek and will result in a better flood forecasting service.” said Tom Bradshaw, Meteorologist-in-Charge of the Fort Worth weather forecast office.

The Fort Worth weather forecast office provides all weather services for 46 counties in North and Central Texas. The office collects meteorological data, prepares and disseminates weather forecasts, river and flood forecasts and warnings, and issues severe weather watches and warnings to the public.

Jason Johnson, Hydrologist-in-Charge of the WGRFC said, “The new criteria levels will help the National Weather Service more effectively communicate the river flood threat to the Mansfield community and surrounding areas.”

The West Gulf River Forecast Center prepares river stage forecasts for more than 400 locations along major rivers across portions of Texas, New Mexico, Colorado, Louisiana, and Mexico. Covering approximately 400,000 square miles, the center’s area of responsibility includes North and Central Texas. These forecasts are then forwarded to National Weather Service weather forecast offices throughout its service area for dissemination to the public.

[NOAA's National Weather Service](#) is the primary source of weather data, forecasts, and warnings for the United States and its territories. NOAA’s National Weather Service operates the most advanced weather and flood warning and forecast system in the world, helping to protect lives and property and enhance the national economy. Working with partners, NOAA’s National Weather Service is building a Weather-Ready Nation to support community resilience in the face of increasing vulnerability to extreme weather. Visit us at www.weather.gov and on Facebook and Twitter.

NOAA’s mission is to understand and predict changes in the Earth's environment, as well as conserve and manage our coastal and marine resources. Join us on Facebook and Twitter, as well as our website at www.noaa.gov.